

# Chirag Wadhera

<http://chiragw15.ml/>  
chiragwadhera15@gmail.com | +91-9971281365

## EDUCATION

### IIT PATNA

B.TECH IN COMPUTER SCIENCE  
AND ENGINEERING  
2015-2019 | Patna, India  
Current CPI: 7.43/10

### D.P.S R.K. PURAM

INTERMEDIATE/+2  
Grad. May 2015 | New Delhi, India  
CBSE: 97.4/100

### BAL VIKAS SCHOOL

#### MATRICULATION

Grad. May 2013 | Panipat, India  
CBSE: 10.0/10.0

## LINKS

Github:// [chiragw15](#)  
LinkedIn:// [chirag-wadhera](#)  
Blogs:// [chiragw15-blogs](#)

## RESEARCH WORK

### Final BTech Project

Used a novel Multi Hop Neighbourhood based GCN Framework for Author Name Disambiguation.  
Poster, Thesis

## SKILLS

- **Languages** - C, C++, Java, Kotlin, Python, Javascript, Bash
- **Web/Android App Dev** - Java, HTML, CSS, JavaScript, React.js, SQL, Neo4j, Python Django
- **Platforms and tools** - Android Studio, Raspberry Pi, Github, Kubernetes, Docker, Travis and Jenkins CI, Tensorflow, Keras
- **Cloud Services** - GCP AutoML, GKE, AWS Lambdas, Fargate, EKS, Sagemaker, DynamoDB, API Gateway

## POR

- Mentor - Google Summer of Code 2018 with FOSSASIA
- Mentor - Google Code-In 2017 with FOSSASIA
- Student Lead - Google Developer Student Club (GDSC), IIT Patna
- Coordinator - NJACK, The Computer Science Society, IIT Patna

## EXPERIENCE

### CODENATION | BANGALORE

#### SOFTWARE DEVELOPMENT ENGINEER

July 2019 – Current

- Codenation is an Innovation hub for Trilogy Group of Companies (120+companies). The task is to create a working POC of a very hard problem that companies in the group encounter.
- Worked on three projects in Codenation in three completely different verticals: Code Quality, Deep Learning and AWS Infrastructure automation.
- Have worked with all sort of tools, frameworks and languages ranging from bash to React JS to Python Django and almost all AWS Services including Sagemaker, Lambdas, Kinesis, etc.
- Attended a 3 month training program called Codenation University in Dubai. The training included everything right from Brain storming, RnD, Development, Documentation and Marketing.

### CODENATION | BANGALORE

#### SOFTWARE DEVELOPMENT INTERN

May 2018 – July 2018 | Mentor: Ashish Chauhan

- Calculated interesting insights and metrics about a person using workgraph. Workgraph is a graph database created marrying data of a person/company extracted from various sources like LinkedIn, Twitter, etc.
- Insights included User's Popularity, Social Media Outreach, Engagement in company, similar people, degree of closeness, introducer, etc.
- Created a web application using Django, React and Firebase (for real time DB) to display the above metrics/insights of a person standing near a screen attached to a BLE Beacon.

### GOOGLE SUMMER OF CODE 2017

#### STUDENT DEVELOPER WITH FOSSASIA

May 2017 – August 2017 | Mentors: Mario Behling, Michael Christen

- Worked on a Rule-Based Artificial Intelligence based Personal Assistant Application named "SUSI.AI" to implement new rules/skills, thus improving overall response from the Assistant.
- Improved the Android Client using Kotlin as primary language. Improved the UI, performance and implemented new features like Speech to Text, Text to Speech, Hotword Detection etc.
- Implemented new Java Servlets and APIs on the Server and auto deployed Server on Google Cloud Platform using Kubernetes after each commit in the Github Repo using Docker images build during Travis CI build.

## ACADEMIC ACHIEVEMENTS

2016	ACM ICPC (Certificate)	Secured rank 52 out of 3,000 teams (9,000 candidates) in online round of ACM ICPC India, regarded as Olympics of coding and represented IIT Patna in regional rounds.
2017	Codechef (Certificate)	Secured 55 rank out of 4,000 teams (8,000 candidates) in Pre-Elimination round of Codechef's annual global event - Snackdown
2017	Eclavya, IITB (Certificate)	Secured All India Rank 2 in the Software Quota Contest organised by IIT BOMBAY